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## What is claimed is:

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1. A shoelace tying device comprising:

a housing 10;

a pair of lace passages 20, into which both free ends of the shoelace 2 are threaded to penetrate therethrough, respectively;

a pair of shuttles 30, which are reciprocatable so as to widen or narrow a width of the lace passages 20, respectively, when the shoelace 2, penetrating through the lace passages 20, is pulled to tighten a shoe 3, the shuttles 30 being moved to widen the width of the lace passages 20, respectively, thereby securing free movement of the shoelace 2, whereas, when the shoelace 2 is untied to loosen the shoe 3, the shuttles 30 being moved to narrow the width of the lace passages 20, respectively, thereby restricting the movement of the shoelace 2;

a pair of elastic members 40 adapted to apply elasticity to the shuttles 30, respectively, for allowing the shuttles 30 to move so as to narrow the width of the respective lace passages 20; and a release button 50 adapted to cause the shuttles 30 to move so as to widen the width of the lace passages 20 as it is manually pushed.

2. The device as set forth in claim 1, wherein: a pair of inclined protrusions 13 are obliquely arranged adjacent to the shuttles 30 inside a space defined between an upper wall 11 and a lower wall 12 of the housing 10, respectively;

spaces defined between the upper wall 11 and the lower wall 12 around the respective inclined protrusions 13 define the lace passages 20, respectively; and

the inclined protrusions 13 are positioned so that they are upwardly close to or downwardly apart from a vertical movement path of the shuttles 30, thereby causing the lace passages 20 to be narrowed or widen according to vertical movements of the shuttles 30.

- 3. The device as set forth in claim 1, wherein the shuttles 30 are toothed wheels, and are reciprocatably fitted in shuttle slots 14, 71 formed at upper and lower sides of the housing 10.
- 4. The device as set forth in claim 1, wherein the elastic members 40 are torsion springs 40B incorporated in the housing 10.
  - 5. The device as set forth in claim 1, further comprising:

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a shoelace holder 60 incorporated in the housing 10, into which both hanging ends of the shoelace 2 are fitted and tied.

6. The device as set forth in claim 5, wherein the shoelace holder 60 includes:
a pair of connecting rods 63 connected at their one-side ends to the housing 10;
a holder body 64 connected to the other ends of the connecting rods 63 and having a
plurality of holes 65 for allowing the shoelace 2 to be threaded therethrough into a bow-shaped
knot, one surface of the holder body 64 being opened to allow the shoelace 2 to approach the holes
65; and

a cap 66 for covering the opened surface of the holder body 64.

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